

## CLAIMS

530899  
REPLACED BY  
ART 34 AMDT

1. Device (5) for memorizing a list of items intended to memorize any  
5 item (J) last presented to it and comprising a first memory (3), characterised in  
that it additionally comprises means responsible, when the first memory is full  
and when a new item has to be memorized, for randomly selecting an item  
memorized in the first memory to remove this selected item and to memorize  
the new item presented.

10

2. Device according to claim 1 capable of memorizing N items, N  
being a natural integer, characterized in that it further comprises a second  
memory (2) designed to continually memorize the M items that were last  
presented to said device, M being a natural integer below N, the first  
15 memory (3) being intended to memorize the N-M other items.

20

3. Device according to one of claims 1 or 2, characterized in that it is  
also adapted to supply information indicating whether the item (J) that was last  
presented to it is already present in said device.

4. Device according to one of claims 1 to 3, characterized in that it  
only contains one copy of each item memorized.

5. Device according to one of the previous claims, characterized in  
25 that it also memorizes, with each item, the number of times that this item has  
been presented to it.

6. Device according to claim 5, characterized in that it is adapted to  
supply information indicating whether the item that was last presented to it has  
30 already been presented to it for a number of times that exceeds a  
predetermined number.

7. Method of memorizing an item (J) in a device (5) according to one of claims 2 to 4, characterized in that it comprises the steps consisting in

- (a) receiving an item (J) that is presented to the device (5);
- (b) verifying whether said item (J) is already present in said device

5 (5); and

- should said verification be positive, designating said item (J) as an item last memorized, and

- should said verification be negative, memorizing said item (J) in the device.

10

8. Method according to claim 7, characterized in that in the event of negative verification in step (b):

- if the second memory (2) is not full, the item received (J) is memorized in the second memory (2); and

15

- if the second memory (2) is full:

- i) the oldest item memorized in said second memory is transferred to the first memory (3); and

- ii) the item received (J) is memorized in the second memory (2); and

20

- iii) if the first memory (3) is full, then an item memorized in said first memory is selected at random to be removed so that the oldest item memorized in said second memory can be transferred to said first memory (3).